

JCWSCS 16 DEC 2003

FILE COPY

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Emilio J.A. ROLDAN, Anibal Perez LLORET
Guillermo VAZQUEZ, Ricardo BOLAND and
Sokrates E. PAPAPOULOS

Application No.: 10/619,729

Group Art Unit: 1614

Filed: July 15, 2003

Examiner:

For: USES OF 1-AMINO-3-(N,N-DIMETHYLAMINO)-PROPYLIDENE-1,
1-BISPHOSPHONIC ACID

Atty Docket: 3524.015

REQUEST FOR CORRECTED OFFICIAL FILING RECEIPT

Commissioner for Patents
P. O. Box 1450
Arlington, VA 22313-1450

ATTN: OFFICE OF INITIAL PATENT EXAMINATION'S
FILING RECEIPT CORRECTIONS

Sir:

Applicants request a correction of the Official Filing Receipt
for the above-identified application as follows:

Domestic Priority data as claimed by Applicant

This application is a DIV of 09/830,734 07/27/2001 PAT 6,605,603
which is a 371 of PCT/EP99/08269 10/29/1999

as indicated on the PCT International Application Published Under
the Patent Cooperation Treaty (copy attached).

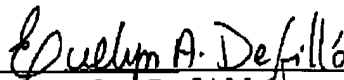
U.S. Patent Application No. 10/619,729
REQUEST FOR CORRECTED OFFICIAL FILING RECEIPT

ATTORNEY DOCKET NO.: 3524.015

A copy of the Official Filing Receipt with the changes noted thereon is provided herewith.

Respectfully submitted,

PENDORF & CUTLIFF
5111 Memorial Highway
Tampa, FL 33634-7356
(813) 886-6085


Evelyn A. Defillo
Registration No. 45,630

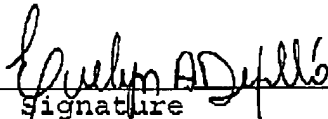
Date: December 15, 2003

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that the foregoing REQUEST FOR CORRECTED FILING RECEIPT for U.S. Application No. 10/619,729 filed July 15, 2003, is being facsimile transmitted to the Patent and Trademark Office, facsimile number (703) 746-9195 on this 15th day of December, 2003.

Evelyn A. Defillo

Name of Person Signing Certification



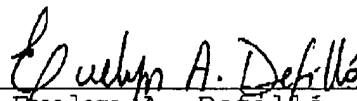
Signature

Dec 15/03

Date

AUTHORIZATION TO CHARGE

The Commissioner is hereby authorized to charge any additional fees, which may be required at any time during the prosecution of this application without specific authorization, or credit any overpayment, to Deposit Account No. 16-0877.



Evelyn A. Defillo

PCTWORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷ : A61K 31/663, A61P 19/08, 19/10, G01N 33/50, 33/533 // (A61K 31/663, 31:00)		A1	(11) International Publication Number: WO 00/25794 (43) International Publication Date: 11 May 2000 (11.05.00)
(21) International Application Number: PCT/EP99/08269 (22) International Filing Date: 29 October 1999 (29.10.99)		(74) Agents: WINKLER, Andreas; Boehmert & Boehmert, Hollerallee 32, D-28209 Bremen (DE) et al.	
(30) Priority Data: P 98 01 05446 30 October 1998 (30.10.98) AR		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).	
(71) Applicants (for all designated States except US): GADOR S.A. [AR/AR]; Darwin 429, 1414 Buenos Aires (AR). UNIVERSITY OF LEIDEN [NL/NL]; Academisch Ziekenhuis Leiden, Rijsburgerweg 10, NL-2300 RC Leiden (NL). (72) Inventors; and (75) Inventors/Applicants (for US only): ROLDÁN, Emilio, I., A. [AR/AR]; Gador S.A., Darwin 429, 1414 Buenos Aires (AR). PÉREZ-LLORET, Anibal [AR/AR]; Gador S.A., Darwin 429, 1414 Buenos Aires (AR). VAZQUEZ, Guillermo [AR/AR]; Dpto. de Biología, Bioquímica y Farmacia, Universidad Nacional del Sur, San Juan 670, 8000 Bahía Blanca (AR). BOLAND, Ricardo [AR/AR]; Dpto. de Biología, Bioquímica y Farmacia, Universidad Nacional del Sur, San Juan 670, 8000 Bahía Blanca (AR). PAPAPOULOS, Sokrates, E. [GR/NL]; University of Leiden, Rijsburgerweg 10, NL-2300 RC Leiden (NL).		Published With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.	
(54) Title: USES OF 1-AMINO-3-(N,N-DIMETHYLAMINO)-PROPYLIDENE-1,1-BISPHOSPHONIC ACID			
(57) Abstract The present invention relates to novel uses of 1-amino-3-(N,N-dimethylamino)-propylidene-1,1-bisphosphonic acid or any of its soluble salts or any of its hydrates, in particular its use for the manufacture of a medicament for selective modulation of osteoblasts.			



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1129
 Alexandria, Virginia 22313-1490
 www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/619,729	07/15/2003	1614	765	3524.015	7	26	11

PENDORF & CUTLIFF
 5111 Memorial Highway
 Tampa, FL 33634-7356

RECEIVED
 NOV 03 2003

BY: *Edf*

CONFIRMATION NO. 7038

FILING RECEIPT



OC000000011094665

Date Mailed: 10/27/2003

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Emilio J.A. Roldan, Buenos Aires, ARGENTINA;
 Anibal Perez-Lloret, Buenos Aires, ARGENTINA;
 Guillermo Vazquez, San Juan, ARGENTINA;
 Ricardo Boland, San Juan, ARGENTINA;
 Sokrates E. Papapoulos, Leiden, NETHERLANDS;

Domestic Priority data as claimed by applicant

This application is a DIV of 09/830,734 07/27/2001 PAT 6,605,603
 which is a 371 of PCT/EP99/08269 10/30/1998

10/29/99 - CORRECT DATE

Foreign Applications

ARGENTINA P 98 01 05446 10/30/1998

If Required, Foreign Filing License Granted: 10/23/2003

Projected Publication Date: 02/05/2004

Non-Publication Request: No

Early Publication Request: No

** SMALL ENTITY **

Title

Uses of 1-amino-3-(N,N-dimethylamino)-propylidene-1,1-bisphosphonic acid

Preliminary Class

514

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15****GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).